

ABSTRACT OF THE DISCLOSURE

A method and apparatus for correcting non-uniformity in images created by a raster scan film recorder reduces non-uniformity-based image artifacts by novelly using two-dimensional correction: correction of input digital
5 pixel data based upon the scan line position of the pixel, and the value (signal level) of the input pixel data. In the preferred embodiment, the line non-uniformity corrector is a bus-based digital circuit with a comprehensive look up table having corrections for each scan line pixel position, for all possible pixel intensity values. In alternate embodiments, memory requirements for the line
10 non-uniformity correction table can be reduced by, for example, making non-uniformity corrections based upon groups of pixels, rather than upon single pixels, with the number of pixels in each group being inversely proportional to the memory requirement.

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